



Docket No.: 4980-103 US

The undersigned certifies that this communication is being deposited with the United States Postal Service as prepaid first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 12, 2004.

Diane Dunn McKay

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re Application of:**

WANG J.J.M et al.

Serial No.: 10/732,003

Filed: December 10, 2003

Title: WIRELESS COMMUNICATION  
SYSTEM USING A PLURALITY OF  
ANTENNA ELEMENTS WITH ADAPTIVE  
WEIGHTING AND COMBINING  
TECHNIQUES

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: Group Art Unit: TBD  
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: Examiner: TBD  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

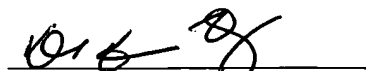
Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby brings to the attention of the United States Patent and Trademark Office the following documents of which Applicant has been made aware. The documents are listed on the attached PTO Form 1449. Copies of the documents are enclosed.

Applicant submits that this Information Disclosure Statement is submitted prior to a first action on the merits.

It is requested that the references be considered by the Examiner and be made of record as part of the available prior art under 37 C.F.R. § 1.104.

Respectfully submitted,

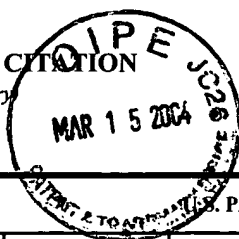
A handwritten signature in black ink, appearing to read "Diane Dunn McKay", is written over a horizontal line.

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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional) <b>4980-103US</b>	Application Number <b>10/732,003</b>
Applicant(s) <b>WANG J.J.M et al.</b>	
Filing Date <b>December 10, 2003</b>	Group Art Unit <b>TBD</b>

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,736,460	04/05/1988	RILLING	455	283	
		4,797,950	01/10/1989	RILLING	455	276	
		5,819,168	10/06/1998	GOLDEN et al	455	303	
		5,887,038	03/23/1999	GOLDEN	375	347	
		6,049,705	04/11/2000	XUE	455	277.1	
		6,115,762	09/05/2000	BELL et al.	710	62	
		6,385,185 B1	05/07/2002	HUANG	370	342	
		6,546,043 B1	04/08/2003	KONG	375	148	
		6,549,585 B2	04/15/2003	NAGUIB et al.	375	267	
		6,574,270 B1	06/03/2003	MADKOUR et al.	375	148	

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.